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| State of Wisconsin  Department of Natural Resources  [dnr.wisconsin.gov](http://dnr.wisconsin.gov) | | **General Construction and Operation Permit Application Construction Aggregate Plant**  Air Pollution Control Permit Application  Form 4530-141 (R 10/22) Page 1 of 5 | | | | | | | | | | | |
| **Review eligibility criteria on page 3 of the form before submitting the application. Facility must be able to certify compliance with all requirements in the general permit (**[**G20**](https://widnr.widen.net/s/wb22qd5jfr/crusherplant-g20_final_permit)**) to be eligible to apply. The general permit is intended for plants without add-on control devices (baghouse, cyclone, etc.); facilities with control devices should apply for a different** [**permit**](https://dnr.wisconsin.gov/topic/AirPermits/Options.html)**. See additional form instructions on last page.**  **Notice:** This form is authorized under s. 285.60(3), Stats., and is required by ss. NR 406.16(3) and NR 407.10(3), Wis. Adm. Code. Failure to submit complete information as required on this form may be grounds for denial of the application. Personally identifiable information collected on this form is not intended to be used for any other purpose but may be made available to requesters under Wisconsin’s Open Records laws (ss. 19.32 – 19.39, Wis. Stats.). Questions regarding this form or other air quality related issues can be directed to the Air Management Program at (608) 266-7718. | | | | | | | | | | | | | |
| **Facility Information** | | | | | | | | | | | | | |
| 1. Facility (Plant) Name | | | 2. Primary Crusher Number | | | | | | | 3. Facility ID (FID) Number | | | |
| click here to enter text | | | click here to enter text | | | | | | | click here to enter text | | | |
| 4. Plant will be:  stationary  portable | | | | | | | | | | | | | |
| 5. Stationary plant address or headquarters address for portable plants | | | | | | | | | | | | | |
| click here to enter text | | | | | | | | | | | | | |
| 6. City Town  Village | | | 7. County | | | | | | | | | | |
| of click here to enter text | | | click here to enter text | | | | | | | | | | |
| **Applicant Information** | | | | | | | | | | | | | |
| 8. Responsible Official Name (person legally responsible for the operation of the permitted air pollution sources [see NR 400.02(136), Wis. Adm. Code]) | | | | | | | | | | | | | |
| click here to enter text | | | | | | | | | | | | | |
| 9. Title | | | | | 10. Email | | | | | | | 11. Phone Number | |
| click here to enter text | | | | | click here to enter text | | | | | | | click to enter text | |
| 12. Parent Corporation or Owner Name | | | | | | | | | | | | | |
| click here to enter text | | | | | | | | | | | | | |
| 13. Mailing Address | | | | | City | | | State | | | ZIP Code | | Country (if not US) |
| click here to enter text | | | | | click to enter text | | | click | | | click | | click |
| 14. Permit Contact Person (to be contacted for additional information on the application materials) | | | | | | | 15. Email | | | | | | |
| click here to enter text | | | | | | | click here to enter text | | | | | | |
| 16. Title | | | | | | | 17. Phone number | | | | | | |
| click here to enter text | | | | | | | click here to enter text | | | | | | |
| **18. Plant Information** | | | | | | | | | | | | | |
| List **all associated equipment** for crusher plant after the primary crusher and generator (IC Engine, Gen-set) are identified. Equipment capacity should indicate tons per hour for crushing plant and related equipment or brake horsepower, fuel type and volume (gallons or MMCF) per hour for generator engine. Stationary engines (in one location for at least 12 consecutive months) must meet federal certification for Tier 2 engines. Fuels allowed include biodiesel, distillate oils (diesel), gasoline, butane, propane, or natural gas. Distillate fuel oils (diesel) must meet sulfur content standards for on-road use. Review permit [G20](https://widnr.widen.net/s/wb22qd5jfr/crusherplant-g20_final_permit) for fuel and production limits for eligibility. | | | | | | | | | | | | | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Equipment name/description** | **Serial or unique number** | **Make/model** | **Equipment capacity** | **Year manufactured** | **NSPS Applicability (Y/N) \*** | **Exempt Replacement Filed Date +** | | PRIMARY CRUSHER | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | GENERATOR (IC Engine/Gen-set) | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text | click to enter text |   \* **NSPS applicability**: Indicate if the equipment is subject to the New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing in 40 CFR §60.670. Equipment is subject to the NSPS if manufactured after August 31, 1983, except if the primary crusher has a maximum manufacturer rated capacity of no more than 25 tons per hour for sand and gravel plants (or 150 tons per hour if it is a portable plant) or no more than 10 tons per hour for clay or pumice plants.  + **Exempt replacement**: Equipment qualifies for the exemption provided in 40 CFR §60.670(d)(1), when replaced by a piece of equipment of equal or smaller size. If the company followed the procedures required in 40 CFR §60.676(a), and the equipment is exempt under 40 CFR §60.670(d)(1), then enter the date when correspondence was submitted to the department and the U.S. EPA as required. IF THE APPLICANT HAS NOT SUBMITTED THIS CORRESPONDENCE, THEN THE APPLICANT IS NOT ELIGIBLE FOR THIS EXEMPTION. | | | | | | | | | | | | | |
| **19. Visible emissions testing for NSPS equipment** | | | | | | | | | | | | | |
| For each piece of equipment that was identified as being affected by NSPS above, indicate whether required visible emissions (VE) testing has been completed and when. If not yet completed, the VE testing must be completed upon start up. Submit test results following the Stack Testing instructions on the department’s [Compliance Reporting webpage](https://dnr.wisconsin.gov/topic/AirPermits/ComplianceReports.html).   |  |  |  | | --- | --- | --- | | **Equipment name/description** | **Serial or unique number** | **VE testing was/will be completed (date)** | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | click to enter text | click to enter text | click to enter text | | | | | | | | | | | | | | |
| **20. Signature of Responsible Official** | | | | | | | | | | | | | |
| A. Statement of Completeness:  I have reviewed this application in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this application are true, accurate and complete. | | | | | | | | | | | | | |
| B. Certification of Facility Compliance Status:  I certify that the facility described in this air pollution permit application is fully in compliance with all applicable requirements in the General Permit. *New facilities certify to achieving compliance upon startup.* | | | | | | *NOTE: If not in compliance with all applicable requirements the facility is not eligible for the general permit and should submit a source-specific permit application.* | | | | | | | |
|  |  | | |  | | | | |  | | | | |
| Signature of Responsible Official |  | | | Date Signed | | | | |  | | | | |
| click here to enter text |  | | | click here to enter text | | | | | | | | | |
| Print or type name of Responsible Official |  | | | Print or type title of Responsible Official | | | | | | | | | |
|  |  | | |  | | | | | | | | | |
| **Submittal Requirements** | | | | | | | | | | | | | |
| Submit the completed application using either Option 1 or Option 2 below:  **Option 1:**  Email an ELECTRONIC COPY\* to [DNRAMAirPermit@wisconsin.gov](mailto:DNRAMAirPermit@wisconsin.gov).  \* Applications must be signed by the Responsible Official for the source. If submitting an electronic application, the department will send an email with instructions for e-Signing or submitting an ink signature upon receipt of the electronic application. A photocopied or scanned signature does not meet the department’s signature requirements. An electronic signature has the same effect of certifying the completeness and compliance status reflected in the above statements. The department will not begin processing an application until the signature is received.  OR  **Option 2:**  Mail the original copy of all materials with ink signature on this form to:  WISCONSIN DEPARTMENT OF NATURAL RESOURCES  BUREAU OF AIR MANAGEMENT  Attn: Permits  PO BOX 7921  MADISON, WI 53707-7921 | | | | | | | | | | | | | |

**GCP/GOP ELIGIBILITY CRITERIA:**

* Fuel restrictions: only biodiesel, distillate oils (diesel), gasoline, butane, propane, or natural gas. Sulfur content of distillate oil/diesel fuel must meet on-road use limits.
* Internal combustion engines (generator or gen-set) must have a vertical unobstructed exhaust point at least 12.0 feet above ground level and the stack inside diameter at the outlet may not exceed 1.3 feet.
* A department approved or provided Fugitive Dust Control Plan must be followed.

| **Crusher Plants General Permit Limits** | |
| --- | --- |
| **Pollutant/Synthetic Minor Condition** | **Limitation** |
| Particulate Matter/PM10 – Synthetic Minor and Ambient Air Quality Standards | * 250,000 tons per month, 12 consecutive month rolling average, of any material processed through primary crusher and related equipment * Diesel or gasoline engines may not:   + Use more than 70 gallons per hour in engines rated greater than 600 brake horsepower, or   + Use more than 30 gallons per hour in engines rated 600 brake horsepower or less |
| Nitrogen oxides (NOx) Synthetic Minor - Generator/IC Engines/Gen-sets | * 20,000 gallons of fuel/month, 12 month rolling average, except in nonattainment areas * 6,870 gallons of fuel/month, 12 month rolling average, in nonattainment areas |
| Hazardous Air Pollutants - Generator | * Fuel sulfur content not to exceed on-road use * Tier 2 emission standards for stationary sources (Tier 2 is applicable if the IC engine remains or intends to remain in a single location for any 12 consecutive month period and combusts or intends to combust 10,000 gallons or more of fuel during that period of time.) |

**General Construction and Operation Permit Application**

**Construction Aggregate Plant – Form 4530-141**

Air Pollution Control Permit Application Instructions

**Notice:** This form is authorized under s. 285.60(3), Stats., and is required by ss. NR 406.16(3) and NR 407.10(3), Wis. Adm. Code. Failure to submit complete information as required on this form may be grounds for denial of the application. Personally identifiable information collected on this form is not intended to be used for any other purpose but may be made available to requesters under Wisconsin’s Open Records laws (ss. 19.32 – 19.39, Wis. Stats.). Questions regarding this form or other air quality related issues can be directed to the Air Management Program at (608) 266-7718.

Item 1 Provide the plant name.

Item 2 Provide the plant number or unique identifier for the primary crusher.

Item 3 Provide the facility identification (FID) number that appears on the annual emissions inventory reports. New facilities will be assigned this number by the department. **NOTE: ALL CORRESPONDENCE FOR THIS PLANT SHOULD INCLUDE THE FID NUMBER ALONG WITH THE PLANT NAME USED BY THE PERMITTEE**.

Items 4-7 Provide the location of the stationary plant at the time of application. If portable, provide the headquarters address. Note that the statutes and rules require notice to be sent to the department prior to relocation of the portable source. Use [form 4500-025](https://widnr.widen.net/s/dvk5xsnnpl/4500-025) to notify the department of each relocation.

Items 8-11 Provide the name, title, email address, and phone number for the responsible official. Responsible official means one of the following (s. NR 400.02(80e), Wis. Adm. Code):

a. For a corporation:

1. A president, secretary, treasurer or vice-president of the corporation in charge of a principal business function;

2. Any other person who performs similar policy or decision-making functions for the corporation; or

3. A duly authorized representative of a person listed in items 1 or 2 if the representative is responsible for the overall operation of the plant applying for or subject to a permit and the representative is approved in advance by the department. To have the responsible official approved by the department prior to filing the application, send a letter to the department describing the person's authority in the company and requesting the department's approval. This letter must be signed by a person listed in items 1 or 2.

b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;

c. For a municipality, or a state, federal or other public agency: either a principal executive officer or ranking elected official.

The responsible official is a person legally responsible for the operation of the permitted air pollution sources. For a corporation, this person must be the president, vice-president, secretary or treasurer, or other person with a similar level of responsibility in the company.

Items 12-13 Provide full business name and address of corporation, company, association, society, firm, partnership, individual or political subdivision of the state submitting the application.

Items 14-17 Provide the name, title, email and phone number of the individual to contact for additional information concerning the air pollution sources during the permitting process.

Item 18 Provide information on all equipment to be covered by the general permit:

Equipment name/description: Include the following equipment in this table: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station.

Serial or unique number: For purposes of identification, each piece of equipment identified must be identified with a unique serial number.

Make and model: Provide the make and model, if known, for each piece of equipment. If unknown, indicate with the term "unknown." If built rather than purchased indicate with the term "shop."

Equipment capacity: Equipment capacity should indicate tons per hour for crushing plant and related equipment or brake horsepower, fuel type and volume (gallons or MMCF) per hour for generator engine. Stationary engines (in one location for at least 12 consecutive months) must meet federal certification for Tier 2 engines. Fuels allowed include biodiesel, distillate oils (diesel), gasoline, butane, propane, or natural gas.

Year manufactured (yyyy): Indicate the year that construction (manufacture or fabrication by the maker), reconstruction (s. NR 440.15, Wis. Adm. Code) or modification (s. NR 440.14, Wis. Adm. Code) was last commenced.

**NSPS applicability:** Indicate if the equipment is subject to the New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing in 40 CFR §60.670. Equipment is subject to the NSPS if manufactured after August 31, 1983, except if the primary crusher has a maximum manufacturer rated capacity of no more than 25 tons per hour for sand and gravel plants (or 150 tons per hour if it is a portable plant) or no more than 10 tons per hour for clay or pumice plants.

**Exempt replacement:** Equipment qualifies for the exemption provided in 40 CFR §60.670(d)(1), when replaced by a piece of equipment of equal or smaller size. If the company followed the procedures required in 40 CFR §60.676(a), and the equipment is exempt under 40 CFR §60.670(d)(1), then enter the date when correspondence was submitted to the department and the U.S. EPA as required. **IF THE APPLICANT HAS NOT SUBMITTED THIS CORRESPONDENCE, THEN THE APPLICANT IS NOT ELIGIBLE FOR THIS EXEMPTION.**

Item 19 For each piece of equipment in Item 18 identified as being subject to the NSPS in 40 CFR §60.670, indicate when the visible emissions (VE) testing results were submitted to the department. If not yet completed, the VE testing must be completed upon start up. Indicate when the test is planned to be completed. Submit test results following the Stack Testing instructions on the [department’s Air Permits Compliance webpage](file:///C:\Users\haasl\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\H29XFUXR\department’s%20Air%20Permits%20Compliance%20webpage).

Item 20 The responsible official must sign the form. Instructions on how to submit an electronic application with electronic signature can be found on the department’s [Air Permits webpage](https://dnr.wisconsin.gov/topic/AirPermits/Apply.html).